



## **State Revolving Fund Loan Programs** **Drinking Water, Wastewater, Nonpoint Source**

### **PRELIMINARY DECISION OF CATEGORICAL EXCLUSION**

TO ALL INTERESTED CITIZENS, ORGANIZATIONS AND GOVERNMENT AGENCIES:

#### **TOWN OF PRINCE'S LAKES**

**Purchase Laboratory Equipment and Geo-Textile Bags; Install Video Surveillance Camera  
and Flow Meter, Three Grinder Pumps and One Sewer Lateral Extension; and  
Smoke Test Sanitary Sewer System North of Hospital Road  
Preliminary Engineering Report Addendum #2  
SRF # WW 09 67 03 04**

**Date: September 12, 2012**

Pursuant to IC 4-4-11, the State Revolving Fund (SRF) Loan Program has determined that the project described here and in the town's Preliminary Engineering Report Addendum #2 received by the SRF on November 28, 2011 will have no substantial negative environmental impact. Therefore, the SRF is issuing a preliminary decision of Categorical Exclusion from the requirements of substantive environmental review.

#### *How were environmental issues considered?*

The National Environmental Policy Act requires agencies disbursing Federal funds to include environmental factors in the decision making process. A summary of the project is attached for your review. The SRF's preliminary review has found that the proposed project does not require the preparation of either an Environmental Assessment or an Environmental Impact Statement.

#### *Why is additional environmental review not required?*

Our environmental review has concluded that significant environmental impacts will not result from the proposed action.

#### *How do I submit comments?*

Comments can be submitted to:

Max Henschen, Senior Environmental Manager  
SRF Programs  
317-232-8623; mhensche at ifa.in.gov

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## CATEGORICAL EXCLUSION

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### I. PROJECT IDENTIFICATION

Project Name and Address: **Purchase Laboratory Equipment and Geo-Textile Bags;  
Install A Video Surveillance Camera and Flow Meter,  
Install Three Grinder Pump Stations and One Sewer  
Lateral Extension; and Smoke Test Sanitary Sewer  
System North of Hospital Road  
Preliminary Engineering Report Addendum #2  
Town of Prince's Lakes  
P.O. Box 127  
Nineveh, IN 46164**

SRF Project Number: WW09 67 03 04

Authorized Representative: Mr. Charlie Bourne, President  
Prince's Lakes Town Council

### II. PROJECT LOCATION

Prince's Lakes is in south central Johnson County. The laboratory equipment and geo-textile bags will be stored at the wastewater treatment plant (WWTP). Figure 1 illustrates the project areas.

Smoke testing will occur in the Nineveh USGS quadrangle, Nineveh Township, T11N, R4E, sections 25 and 26;

The video surveillance camera, Radio Flyer service lateral connection, Heartnut Area grinder pump station, and the Live Steamers grinder pump station will be installed in the Nineveh USGS quadrangle, Nineveh Township, T11N, R4E, section 25. The Boy Scout grinder pump station will be installed in the Franklin USGS quadrangle, Nineveh Township, T11N, R4E, section 23.

### III. PROJECT NEED AND PURPOSE

Laboratory Equipment: Currently the town borrows a centrifuge and microscope from other communities to conduct its tests. The town's vacuum pump, magnetic poly-filter tray, Dissolved Oxygen (DO) meter, DO probe and carboy dilution water tank have each reached the end of their useful life and need to be replaced. The equipment became needed when the town converted its trickling filter WWTP to an oxidation ditch process. The "No Action" alternative was rejected since the equipment has reached the end of its useful life and the town wishes to own its own centrifuge and microscope, rather than continue borrowing those items. The selected alternative is purchasing

a centrifuge, microscope, vacuum pump, magnetic poly filter tray, DO meter, DO probe, and carboy dilution water tank.

Geo-textile Bags: The town would like to have additional geo-textile bags on site for its dewatering system to ensure proper and continuous sludge disposal. The “No Action” alternative was rejected since the town would not have spare geo-textile bags on site when they need to continue the sludge dewatering process. The selected alternative is purchasing additional geo-textile bags for the dewatering process.

Smoke Testing: The sewer rehabilitation project was successfully completed in 2010; however, flow monitoring in 2011 indicated that direct inflow sources might remain in the sanitary sewer portion north of Hospital Road. Smoke testing this area should detect any illegal private inflow sources that need to be disconnected. The “No Action” alternative was rejected since the town would not be able to detect illegal inflow sources and would continue to experience excessive inflow during rain events. The selected alternative is to conduct smoke testing in the area north of Hospital Road to detect illegal inflow sources.

Flow Meter: As part of its infiltration and inflow (I/I) removal program, the town wants to install a flow meter on the force main from the Nineveh Conservancy District (NCD) pump station. This will allow the town to monitor the I/I contribution from the NCD and to address the cost of treating I/I by possibly assessing surcharge fees. The “No Action” alternative was rejected since the town would not be able to monitor flows from the District that may be contributing I/I into the sewer system. The selected alternative is installation of a flow meter on the force main from the NCD pump station to the town’s sewer system.

Security Camera: The town constructed the septage receiving station in 2010. The town wants to install a security camera in this area for protection from vandals and to monitor septic haulers who may be dumping illegally. The “No Action” alternative was rejected since the septage receiving station would not be protected from vandalism or septic haulers who might dump illegally. The selected alternative is installation of a video surveillance camera near the septage receiving station.

Sewer Service Extensions: The Johnson County Park is served by the town’s sewer system and includes a majority of the area located north of Hospital Road. Johnson County has requested that sanitary service be provided to facilities which currently use holding tanks: (1) Live Steamers Building that provides train rides to visitors at the park and picnic facilities; (2) Heartnut Area that provides picnic facilities for visitors and hosts various social functions, (3) a facility for the Boy Scouts and (4) the Radio Flyers business facility. The “No Action” alternative was rejected since those properties would have to continue using holding tanks. The selected alternative is the installation of grinder pumps for the first three areas and installation of a service lateral extension for Radio Flyers to connect to the sewer system.

#### **IV. ESTIMATED PROJECT COST AND FUNDING**

The estimated cost for all of the above mentioned selected items is \$213,000. The town closed on a State Revolving Fund (SRF) 20-year loan for \$2,812,896 on May 10, 2010 and has a current balance of \$213,255.



## **V. ENVIRONMENTAL IMPACTS OF THE FEASIBLE ALTERNATIVES**

The projects will not affect streams, wetlands, wooded areas, the 100-year floodplain or prime farmland. Ditch crossings will be accomplished using directional drilling.

Construction and operation of the project will not alter, demolish or remove historic properties. If any visual or audible impacts to historic properties occur, they will be temporary and will not alter the characteristics that qualify such properties for inclusion in or eligibility for the National Register of Historic Places. The SRF's finding pursuant to Section 106 of the Historic Preservation Act is: "no historic properties affected." See Figure 2.

## **VI. PUBLIC PARTICIPATION**

A notice was placed in the Daily Journal on March 17, 2012, describing the proposed projects that will use remaining funds in the town's existing SRF loan. The town did not receive comments on the projects.

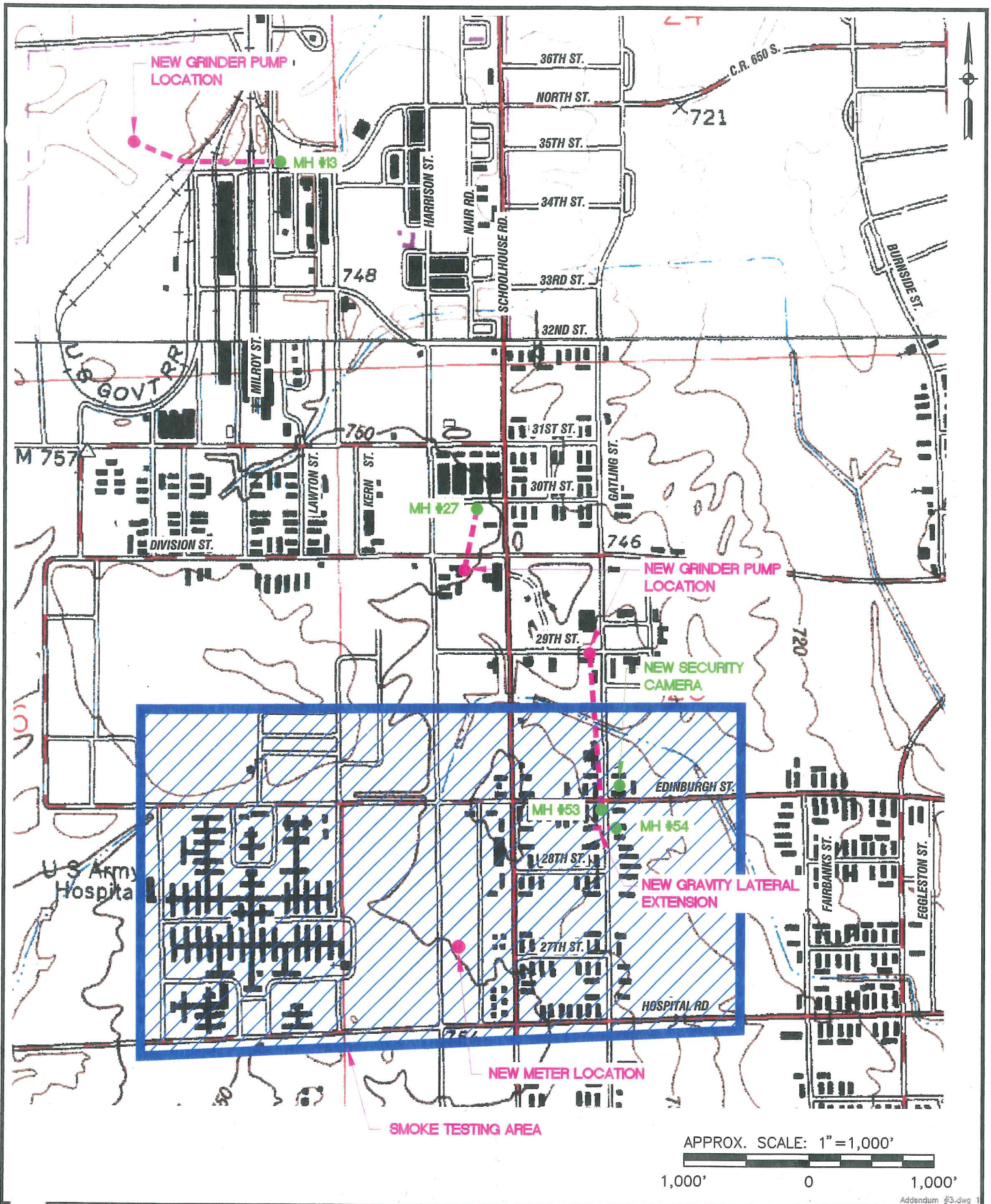
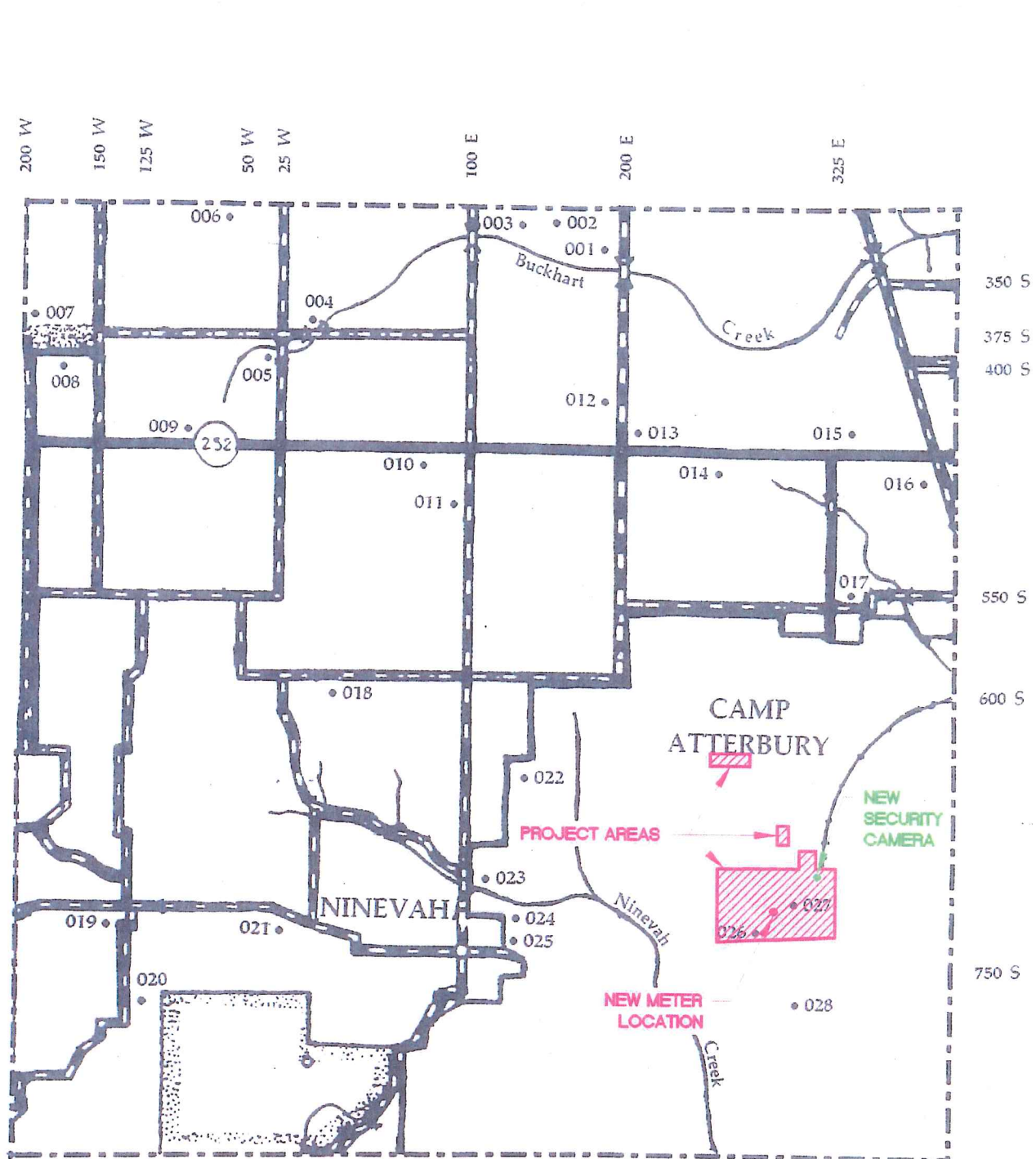


FIGURE 1: PROJECT AREAS





MAP SOURCE:  
JOHNSON COUNTY INTERIM REPORT  
1985



FIGURE 2: From Johnson County Interim Report  
Historic Sites and Structures Inventory

Addendum #3.dwg